



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 7289

SERIAL NUMBER 10/783,175	FILING OR 371(c) DATE 02/19/2004 RULE	CLASS 375	GROUP ART UNIT 2611	ATTORNEY DOCKET NO. 040159	
APPLICANTS Mark S. Wallace, Bedford, MA; John W. Ketchum, Harvard, MA; J. Rodney Walton, Carlisle, MA; Steven J. Howard, Ashland, MA;					
** CONTINUING DATA ***** 21 none					
** FOREIGN APPLICATIONS ***** 21 none					
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 05/13/2004					
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after met Verified and Acknowledged <i>James S. E.</i> Examiner's Signature Initials		STATE OR COUNTRY MA	SHEETS DRAWING 6	TOTAL CLAIMS 43	INDEPENDENT CLAIMS 6
ADDRESS 23696					
TITLE Calibration of downlink and uplink channel responses in a wireless MIMO communication system					
FILING FEE RECEIVED 1572	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		